

REMARKS

Claims 175-181, 184-188, 190-198, 201-205, 207-215, 218-222, 224 and 225 are pending, of which claims 175, 192 and 209 are in independent form.

Claims 175-181, 184-188, 190-198, 201-205, 207-215, 218-222, 224 and 225 are amended by the present response. In addition, claims 182, 183, 189, 199, 200, 206, 216, 217 and 223 are cancelled without prejudice, limitation or waiver. Support for the amendments may be found in the present patent application, for example, at page 50, line 18 through page 52, line 20, *inter alia*.

Favorable reconsideration of the present patent application as currently constituted is respectfully requested.

Regarding Priority

The Examiner has stated that the application does not meet the conditions to receive the benefit of the claimed priority. Applicant respectfully traverses this position. Under MPEP §201.08, a Continuation-in-Part (CIP) application should be permitted to claim the benefit of the filing date of an earlier non-provisional application if the CIP application otherwise complies with 35 U.S.C. §120 and 37 C.F.R. §1.78. Accordingly, it is believed that the status of the present application as a CIP application is proper.

Applicant reserves the right to perfect any priority claim as may be deemed appropriate.

Regarding the Objections to the Specification

The Examiner has objected to the specification "as failing to provide proper antecedent basis for the claimed subject matter." In response, Applicant has appropriately amended the specification as required by the Examiner. Applicant respectfully submits that programs operating on a computer are well known to be stored on a computer-accessible medium. Accordingly, no new matter is believed to have been added. It is believed that the claim objections have been hereby overcome or otherwise rendered moot.

Regarding Claim Objections - Informalities

Claim 192 is objected to in the pending Office Action because of certain informalities. Applicant has appropriately amended the claim in response. Accordingly, it is believed that the claim objections have been hereby overcome or otherwise rendered moot.

Regarding Claim Rejections - 35 U.S.C. §101

Claims 192-208 are rejected in the pending Office Action under 35 U.S.C. §101 as being "directed to non-statutory subject matter."

Applicant has appropriately amended base claim 192 in response to include a positive recitation of the redirector host system. Accordingly, it is believed that the claim rejections have been hereby overcome or otherwise rendered moot.

Regarding Claim Rejections - 35 U.S.C. §112

Claims 209-225 are rejected in the pending Office Action under 35 U.S.C. §112, second paragraph as being indefinite. Applicant has appropriately amended the claims in response to replace "code portions" with "instructions". Accordingly, it is believed that the claim rejections have been hereby overcome or otherwise rendered moot.

Regarding the Claim Rejections - 35 U.S.C. §103

In the pending Office Action, claims 175, 178, 179, 182, 183, 192, 195, 196, 199, 200, 209, 212, 213, 216 and 217 stand rejected under 35 U.S.C. §103(a) as being unpatentable over "AirMobile Software of Lotus cc:Mail Wireless: Communication Server Guide" (hereinafter the *AirMobile* reference) in view of International Patent Publication WO 2000/31931 to Gehrman et al. (hereinafter the *Gehrman* reference).

Additionally, claims 176, 193 and 210 are rejected under 35 U.S.C. §103(a) as being unpatentable over *AirMobile* in view of *Gehrmann* and further in view of Official Notice that serial connections for transferring data between two computers were old and well known in the art at the time the invention was made.

Claims 177, 194 and 211 are rejected under 35 U.S.C. §103(a) as being unpatentable over *AirMobile* in view of *Gehrmann* and U.S. Patent Application No. 2005/0278641 to Mansour et al. (hereinafter the *Mansour* reference).

Claims 180, 181, 184-190, 197, 198, 201-207, 214, 215 and 218-224 are rejected under 35 U.S.C. §103(a) as being unpatentable over *AirMobile* in view of *Gehrmann* and U.S. Patent No 6,807,277 to Doonan et al. (hereinafter the *Doonan* reference).

Claims 191, 208 and 225 are rejected under 35 U.S.C. §103(a) as being unpatentable over *AirMobile* in view of *Gehrmann*, *Doonan*, and ARDIS ("ARDIS Begins Shipping New Lan-Based E-Mail Software; First Wireless Data Network to Offer Solution for Microsoft Mail and Lotusr (sic) cc:Mail Applications; Supports New Motorola Envoy 150 Wireless Communicator") (hereinafter the *ARDIS* reference).

In connection with these rejections, the Examiner has commented as follows with respect to base claim 175:

With regard to claim 175, *AirMobile* discloses a method of redirecting data items from a messaging host

system to a user's mobile device, comprising the steps of:

- establishing a secure communications link between a redirector host system and the user's mobile device (AirMobile provides a secure and authenticated channel between the server and the mobile device) (p. 25);

- detecting a new data item for the user at the messaging host system (cc:Mail Post Office server) by the redirector host system (AirMobile Wireless for cc:Mail server) (new messages are received at the post office server, and detected by the AirMobile server) (pp. 25-26);

- receiving a copy of the new data item at the redirector host system (new mail item is received at the AirMobile server prior to being forwarded) (p. 26);

- determining whether the new data item should be redirected from the redirector host system to the user's mobile device (AirMobile server checks download filters to determine whether to forward the message to the mobile device) (p. 26);

 - if the new data item should be redirected; and

 - transmitting the new data item from the redirector host system to the user's mobile device (messages passing the download filters will be sent to the wireless device) (p. 26).

While AirMobile teaches the use of a "secure and authenticated" channel (p. 25), it fails to specifically disclose that encrypting the messages prior to transmitting them via the channel using encryption/decryption keys generated by the redirector host system and forwarding the decryption key to the mobile device using the secure channel.

Gehrmann discloses a similar system for redirecting selected electronic messages to a mobile device (Abstract). Gehrmann teaches a redirector host system (e-mail gateway) (fig. 1, elements 24-30; p. 10, ll. 19-19-21) generating and storing a first encryption key (K_s) (p. 8, ll. 7-10; p. 9, ll. 3-8), generating a first decryption key (K_s is also used for decryption) (p. 8, ll. 26-28), and forwarding the decryption key to the user's mobile device (user A [gateway] encrypts K_s and sends it to user B [the client]) (p. 8, ll. 10-12 and 15-17). Gehrmann further discloses encrypting the message with the generated key, K_s (p. 8, ll. 8-10). This would

have been an advantageous addition to the system disclosed by AirMobile since it would have protected the messages from interception during transmission to the client.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to encrypt the redirected messages prior to transmission to ensure that they were not intercepted by unauthorized recipients during transmission to the client.

Applicant respectfully submits that the pending \$103(a) rejections as set forth above have been overcome or otherwise rendered moot by way of the present amendment.

As defined by base claim 175, an embodiment of the present disclosure is directed to a method of redirecting data items from a messaging host system to a user's mobile device. The method comprises, *inter alia*, sending a first encryption key from a computer system associated with the user to the redirector host system and storing the first encryption key at the redirector host system. The method further comprises the redirector host system detecting a new data item for the user at the messaging host system and determining whether the new data item should be redirected to the user's mobile device. If the new data item should be redirected, the method comprises encrypting the new data item to form an encrypted new data item using a cipher algorithm and the first encryption key at the redirector host system and transmitting

the encrypted new data item from the redirector host system to the user's mobile device.

Additionally, base claim 192 and base claim 209 contain substantially similar features.

The *AirMobile* reference is directed to forwarding a user's email to a mobile device. As the Examiner has acknowledged, *AirMobile* fails to teach encrypting the messages prior to transmitting them. *AirMobile*, therefore does not anticipate or suggest sending a first encryption key from a computer system associated with the user to the redirector host system, as is now recited in claim 175.

Gehrmann teaches encryption of messages that are being forwarded to an external mail server from which the user can retrieve the messages. As shown in FIG. 1 of *Gehrmann*, reproduced herein for convenience, corporate network 22 contains mail server 24 and encryption unit 30, which can be used to encrypt outgoing email messages sent to external email server 16. However, *Gehrmann* does

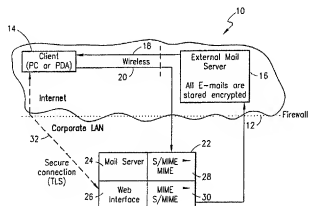


FIG. 1

not disclose or suggest sending a first encryption key from a computer system associated with the user to the redirector host system, as is now recited in claim 175.

The additional references, i.e., *Mansour*, *ARDIS* and *Doonan* do not cure the deficiencies of the *AirMobile* and *Gehrmann* references. *Mansour* is directed to a Java calendar application delivered to a web browser. *Mansour* notes that encryption is an important feature, but does not disclose any details of the encryption process. The *ARDIS* reference is an announcement of electronic mail software that supports Apple® MessagePad. Neither of these references discloses or suggests sending a first encryption key from a computer system associated with the user to a redirector host system.

Doonan is directed to a secure messaging system that utilizes a key server. As *Doonan* discloses with reference to FIG. 2, reproduced herein for convenience, whenever sender 100 wants to send an encrypted message, sender 100 sends a request (220) for a key to key server 106, which returns (222) an encryption key. However, *Doonan* does not disclose or

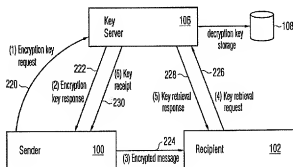


FIG. 2

suggest sending a first encryption key from a computer system associated with the user to a redirector host system. Nor does it teach or suggest the features relating to sending a first decryption key from the computer associated with the user to the user's mobile device. Accordingly, no reasonable combination of the cited references suggests or discloses all the features of the claims.

Based on the foregoing, Applicant respectfully submits that the base claims 175, 192 and 209 are not anticipated or suggested by the applied art of record, and are therefore in condition for allowance. Claims 176-181, 184-188, 190, 191, 193-198, 201-205, 207, 208, 210-215, 218-222, 224 and 225 each depend from one of base claims 175, 192 and 209 and introduce additional limitations therein. Accordingly, these dependent claims are also believed to be in condition for allowance.

Fee Statement

Applicant is filing herewith a Request for Continued Examination (RCE) of the instant patent application. Accordingly, payment via electronic filing is being authorized in the applicable amount. Applicant believes no additional fees are due for the filing of this Submission. If any additional fees are due or any overpayments have been made, however, please charge or credit our deposit account (Deposit Account No. 03-1130).

SUMMARY AND CONCLUSION

In view of the fact that none of the art of the record, whether considered alone or in combination discloses, anticipates or suggests the presently pending claims and in further view of the above amendments as proposed and remarks, reconsideration of the Action and allowance of the present patent application are respectfully requested and are believed to be appropriate.

Respectfully submitted,

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